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FIG. 1

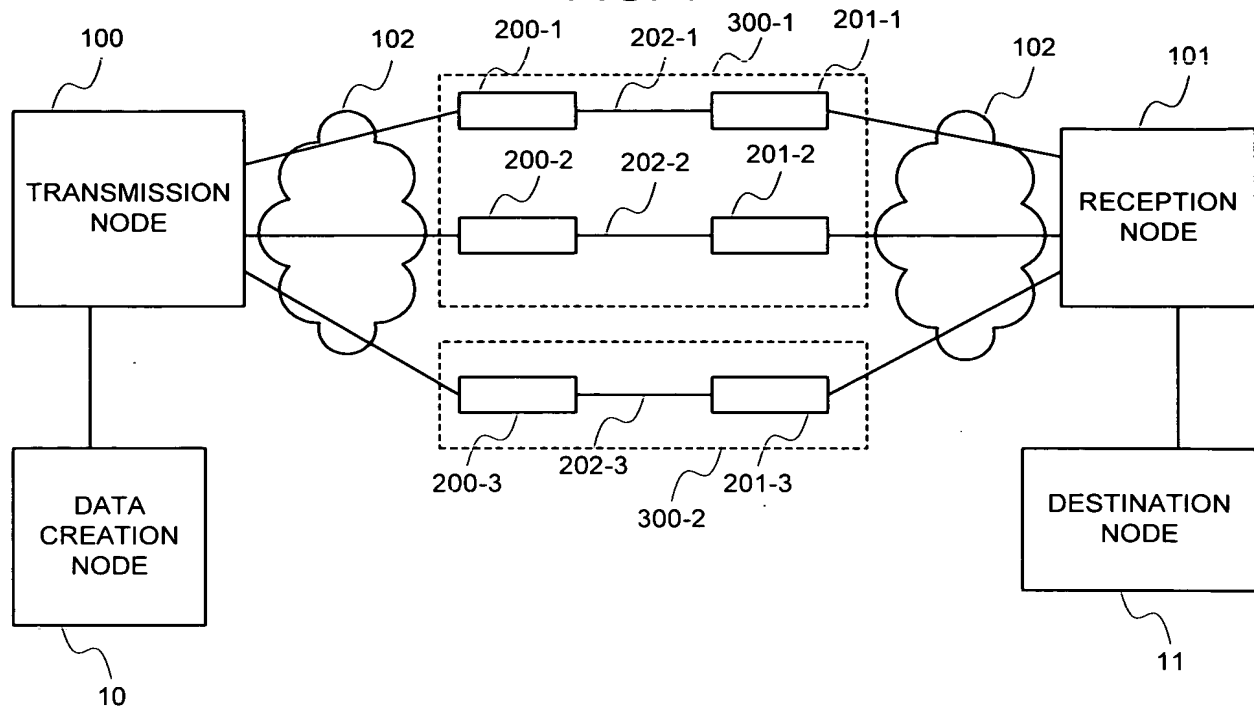


FIG. 2

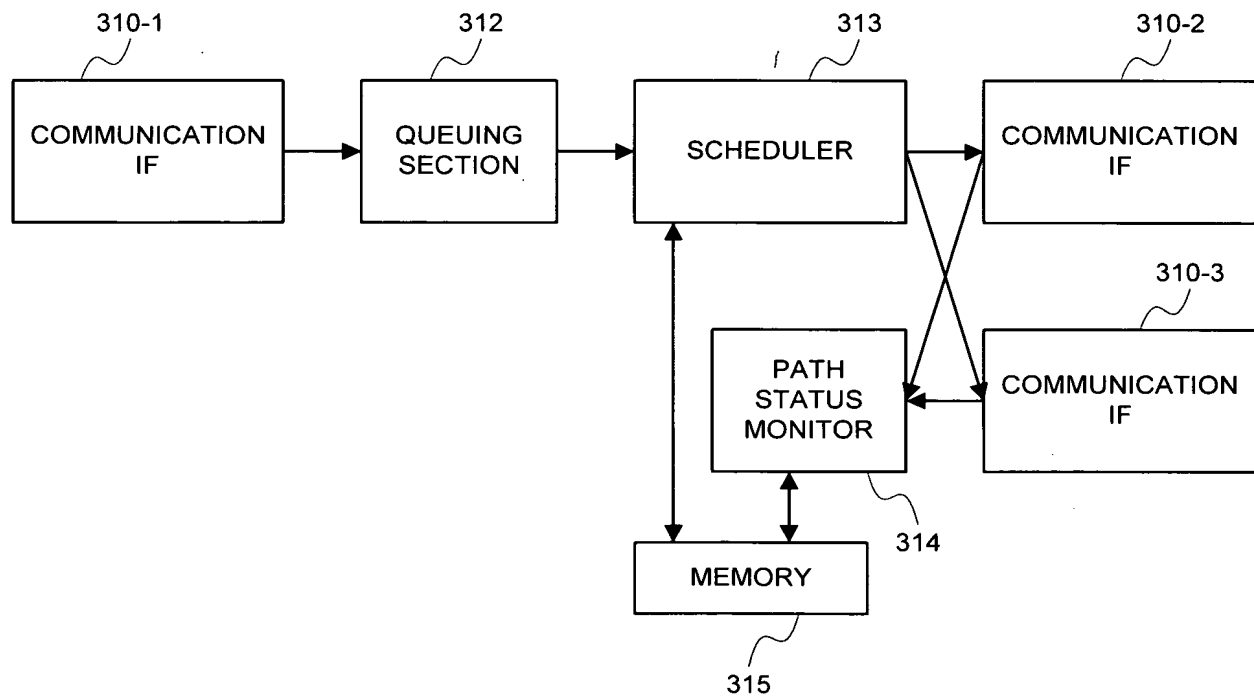


FIG. 3

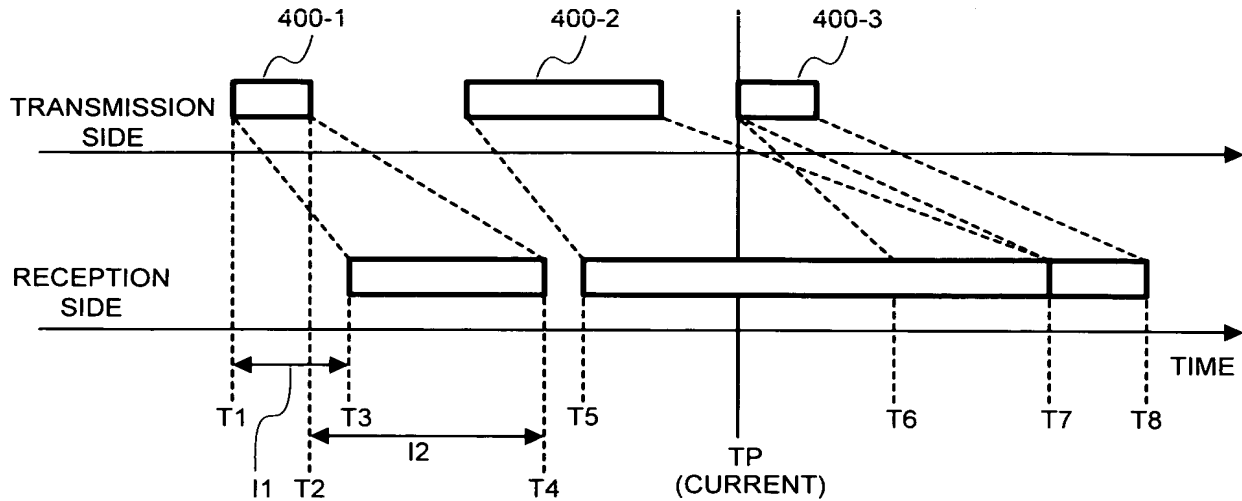


FIG. 4

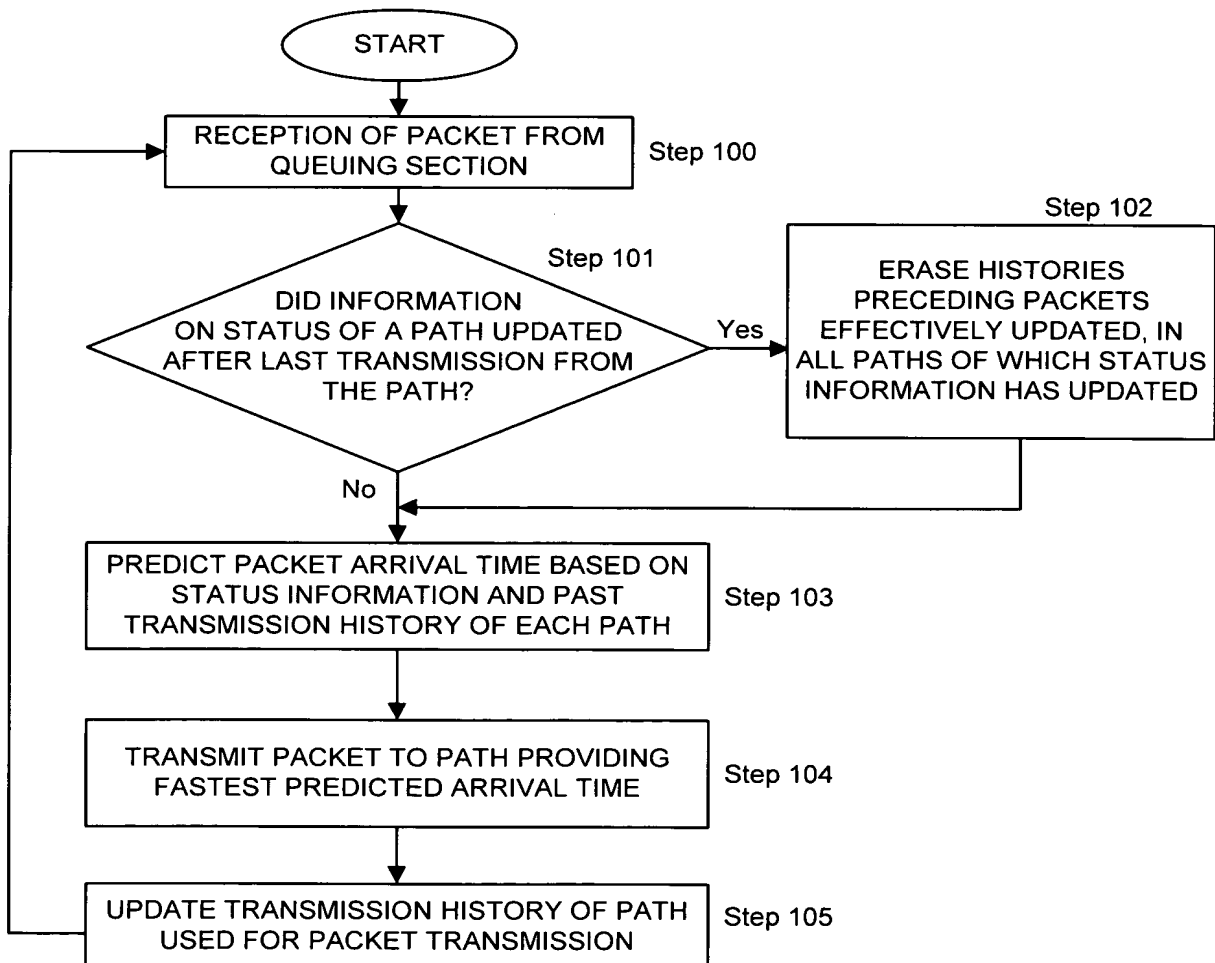


FIG. 5

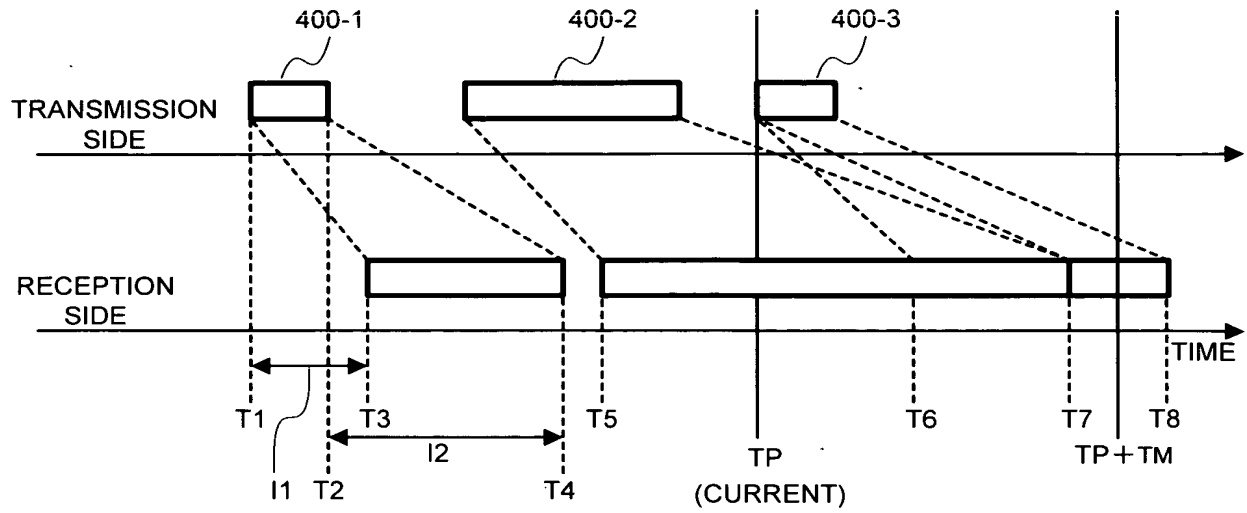


FIG. 6

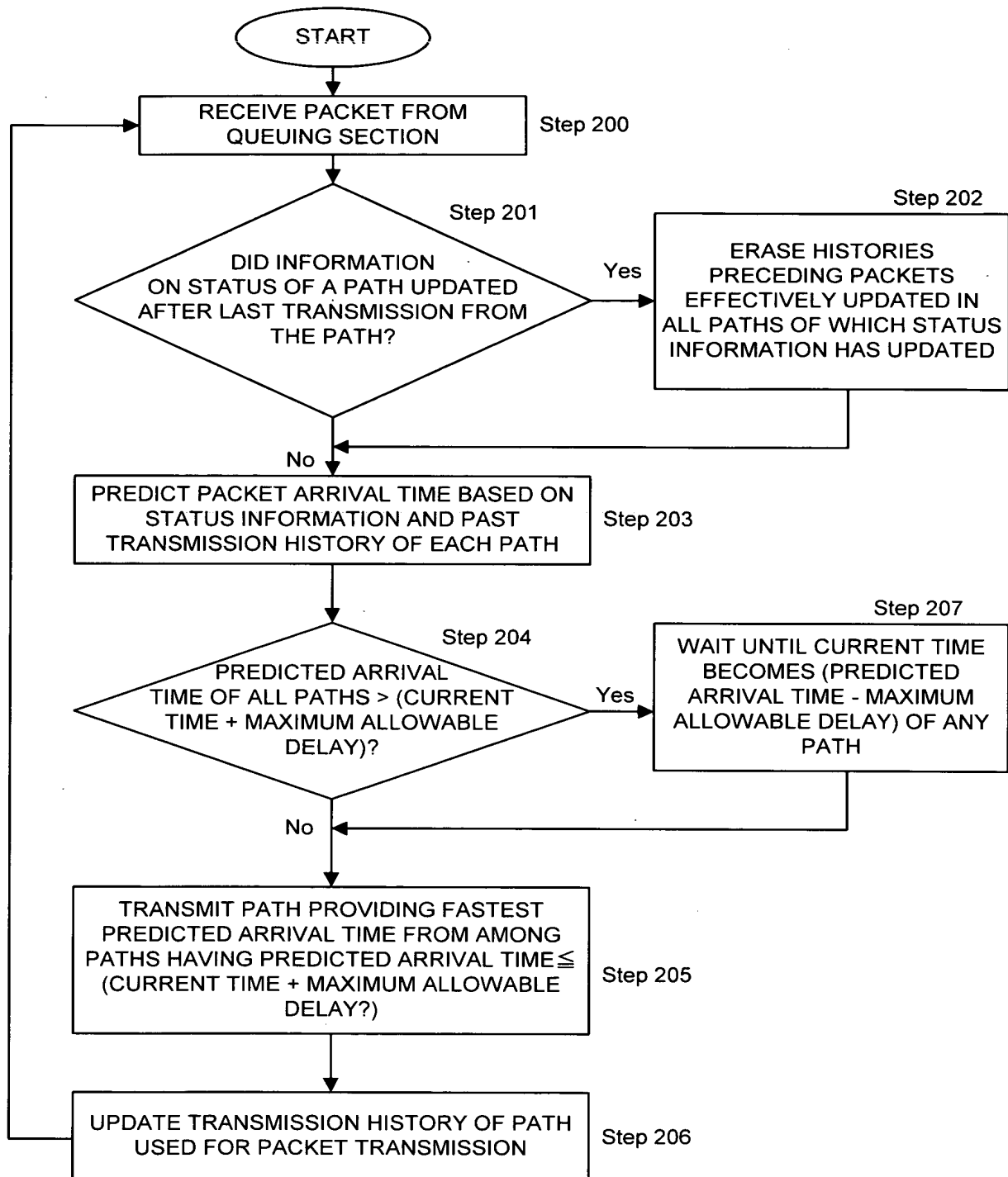


FIG. 7

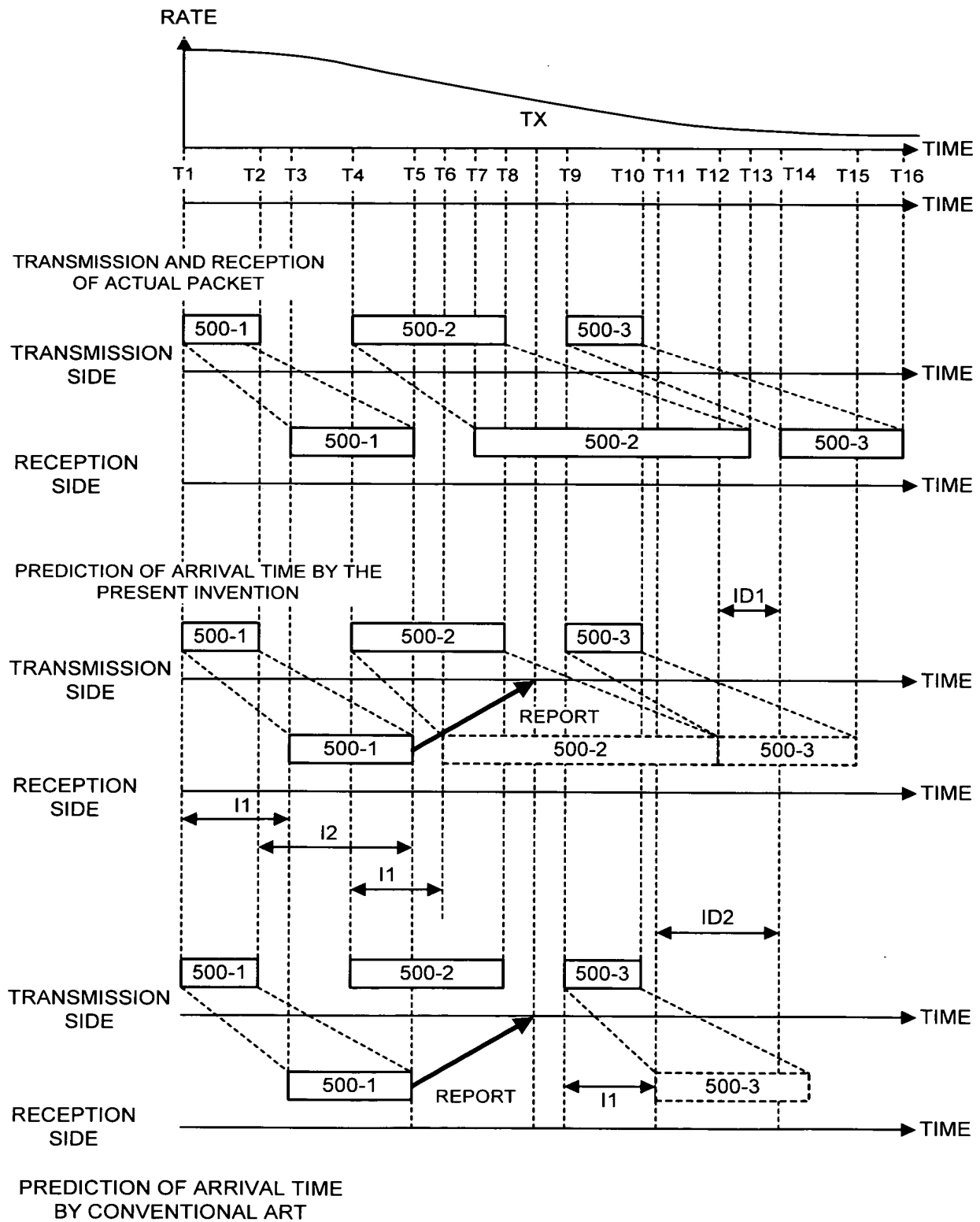


FIG. 8

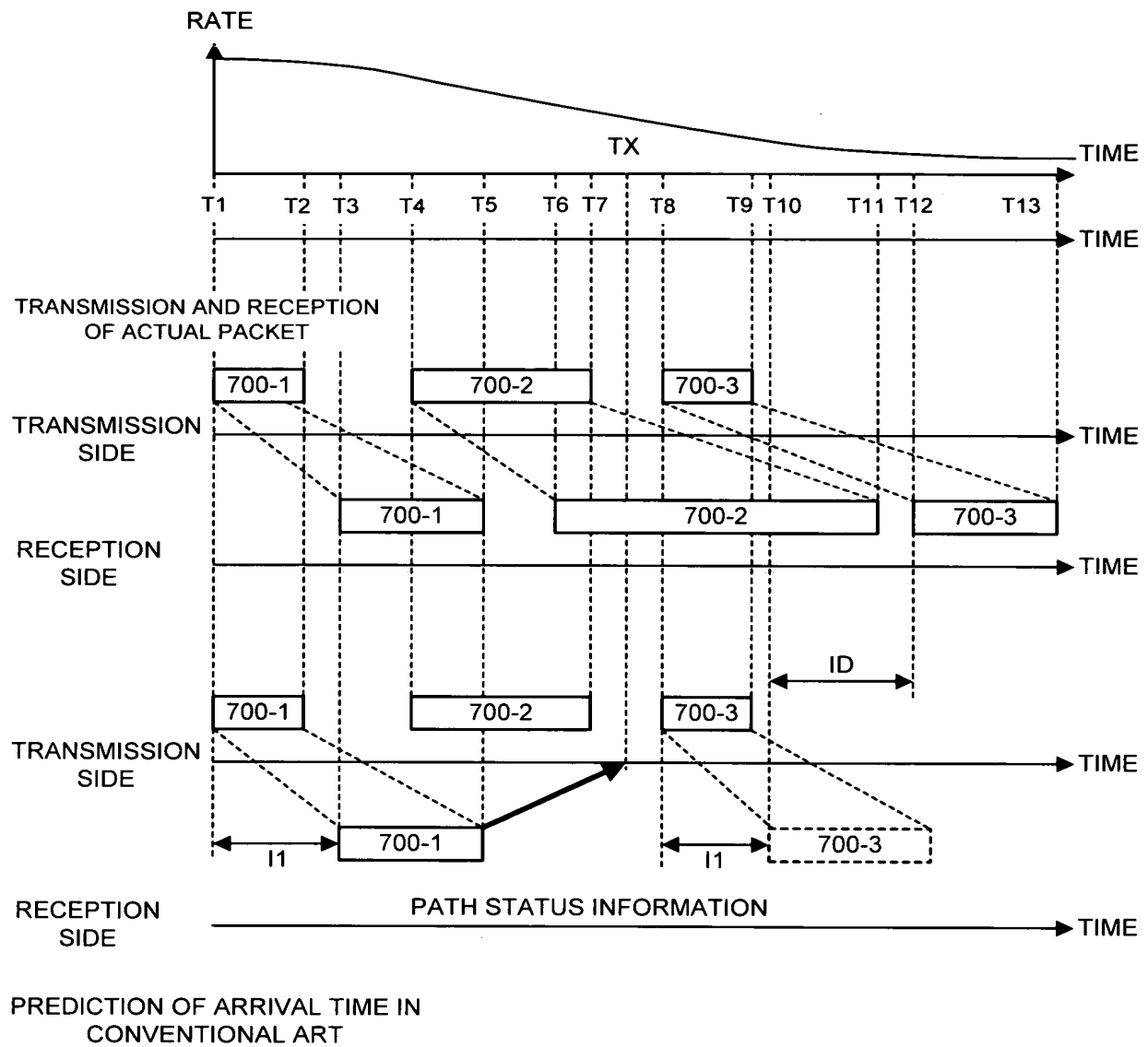


FIG. 9

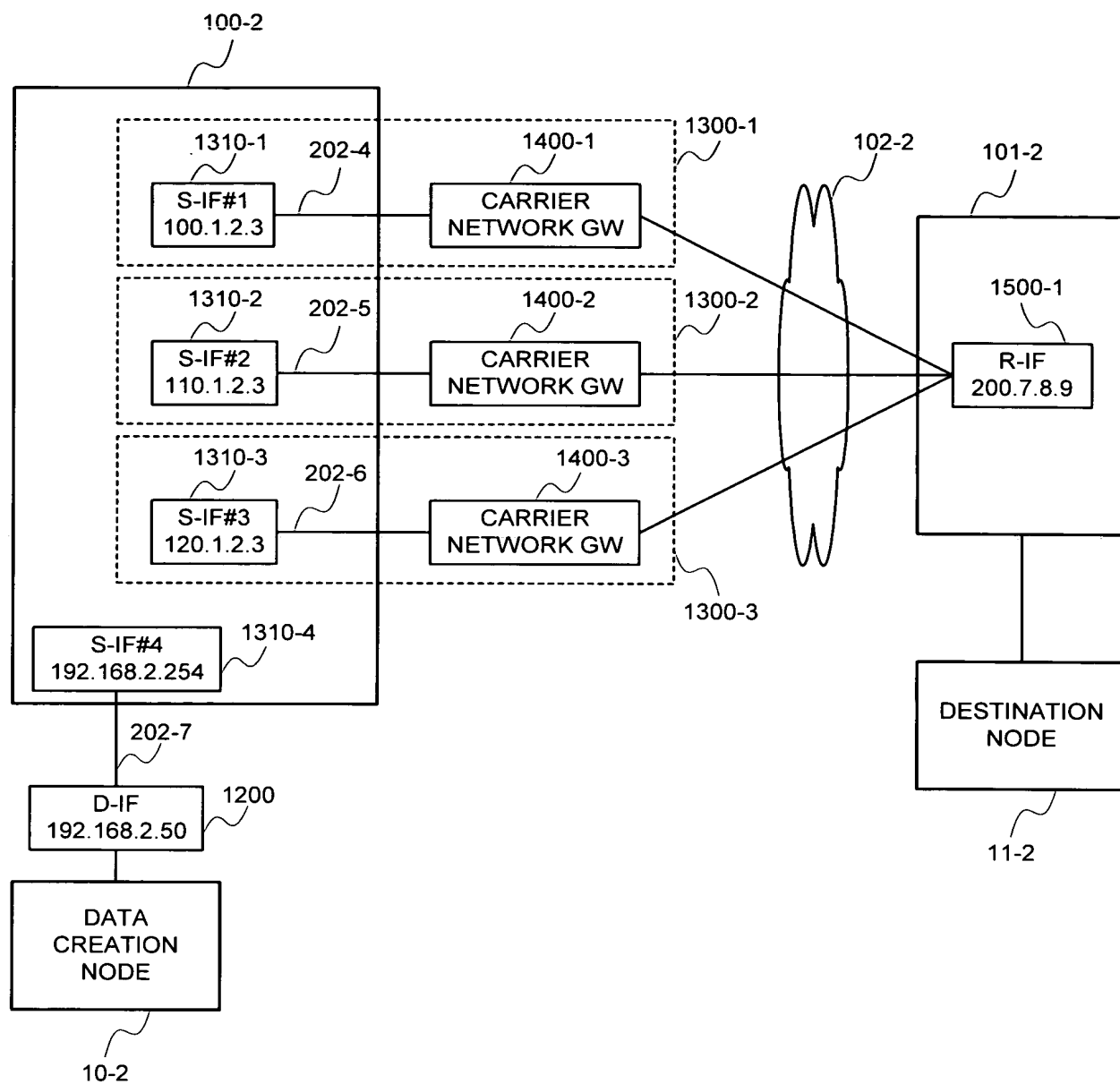


FIG. 10

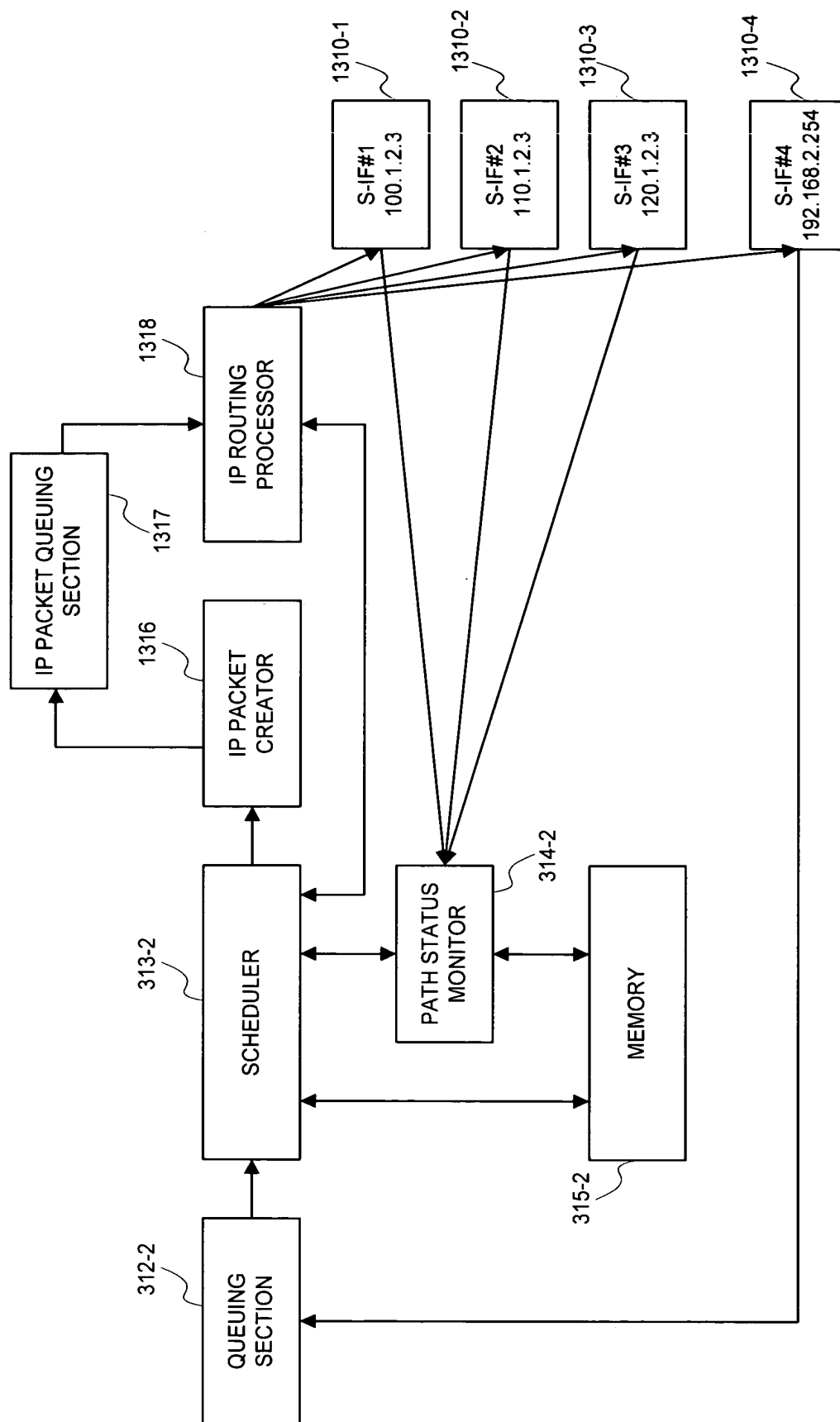


FIG. 11

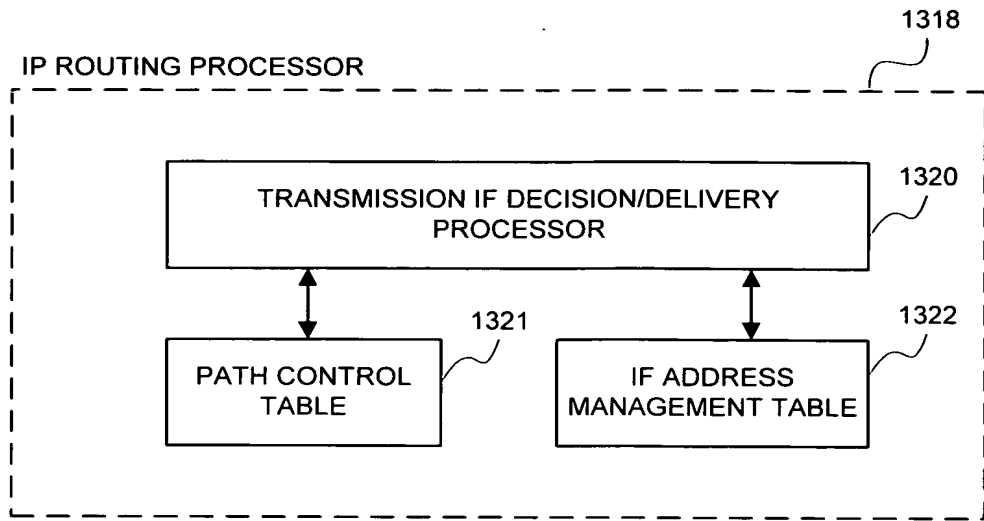


FIG. 12

PATH CONTROL TABLE

DESTINATION NETWORK IP ADDRESS	NETWORK MASK	GATEWAY IP ADDRESS	COMMUNICATIONS INTERFACE
200.7.8.9	255.255.255.255	100.1.2.4	S-IF#1
200.7.8.9	255.255.255.255	110.1.2.5	S-IF#2
200.7.8.9	255.255.255.255	120.1.2.4	S-IF#3
192.168.3.50	255.255.255.0	192.168.3.49	S-IF#4

FIG. 13

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IF ADDRESS MANAGEMENT TABLE

COMMUNICATIONS INTERFACE	ALLOCATION IP ADDRESS
S-IF#1	100.1.2.3
S-IF#2	110.1.2.3
S-IF#3	120.1.2.3
S-IF#4	192.168.3.254

FIG. 14

PATH TO COMMUNICATIONS INTERFACE
CORRESPONDENCE TABLE

1330

COMMUNICATION PATH NUMBER	COMMUNICATIONS INTERFACE
1	S-IF#1
2	S-IF#3
3	S-IF#2

FIG. 15

TRANSMISSION IP PACKET CREATION DATA

1510

DESTINATION IP ADDRESS (200.7.8.9)	TRANSMISSION SOURCE IP ADDRESS (110.1.2.3)	TRANSMISSION DATA
--	--	-------------------

FIG. 16

DELIVERY IP PACKET

1610

IP HEADER			TRANSMISSION DATA
TRANSMISSION SOURCE IP ADDRESS (110.1.2.3)	DESTINATION IP ADDRESS (200.7.8.9)	OTHER IP HEADER INFORMATION	

FIG. 17

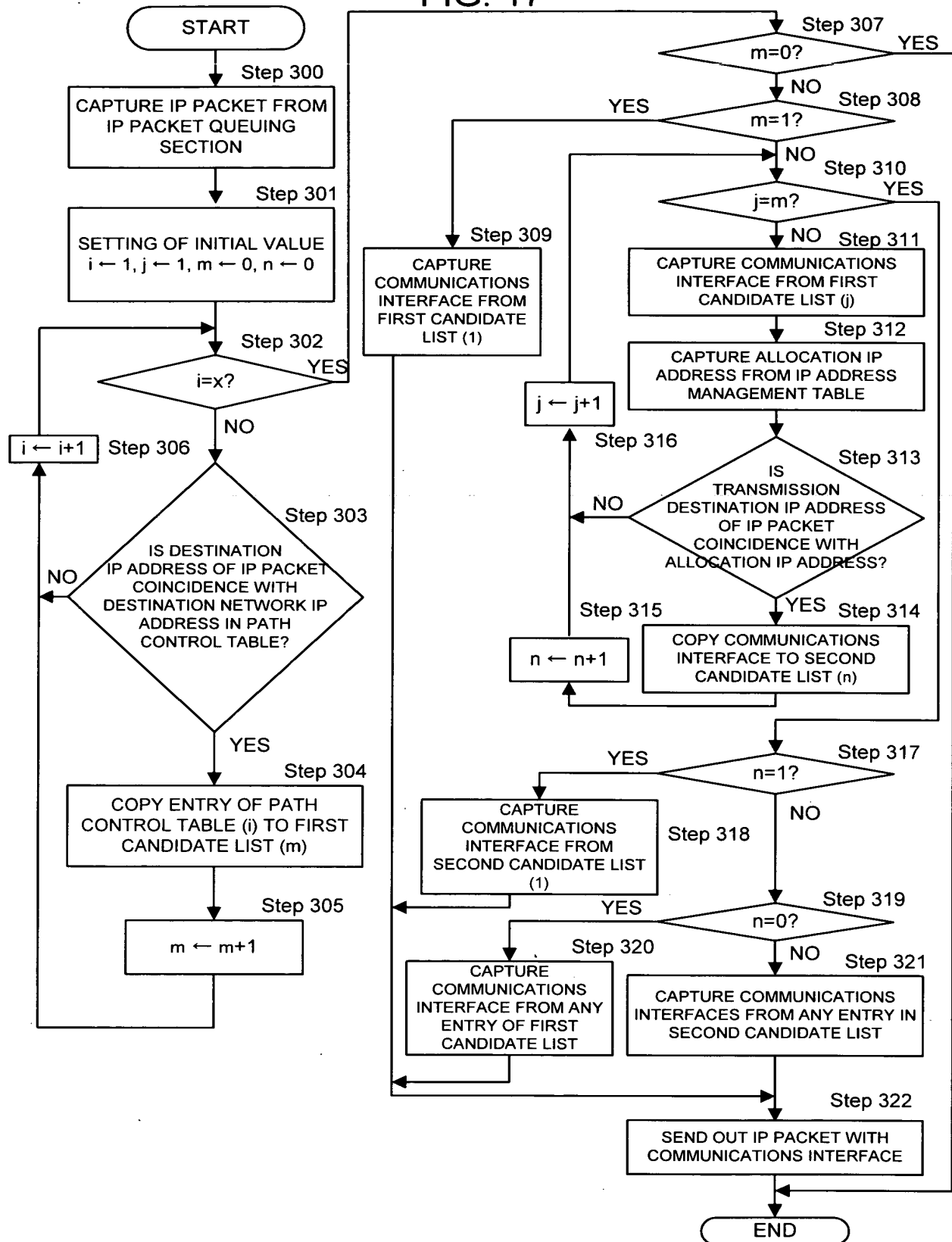


FIG. 18

OTHER MODE OF TRANSMISSION IP PACKET CREATION DATA

DESTINATION IP ADDRESS (200.7.8.9)	TRANSMISSION SOURCE INTERFACE ("S-IF#2")	TRANSMISSION DATA
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1511

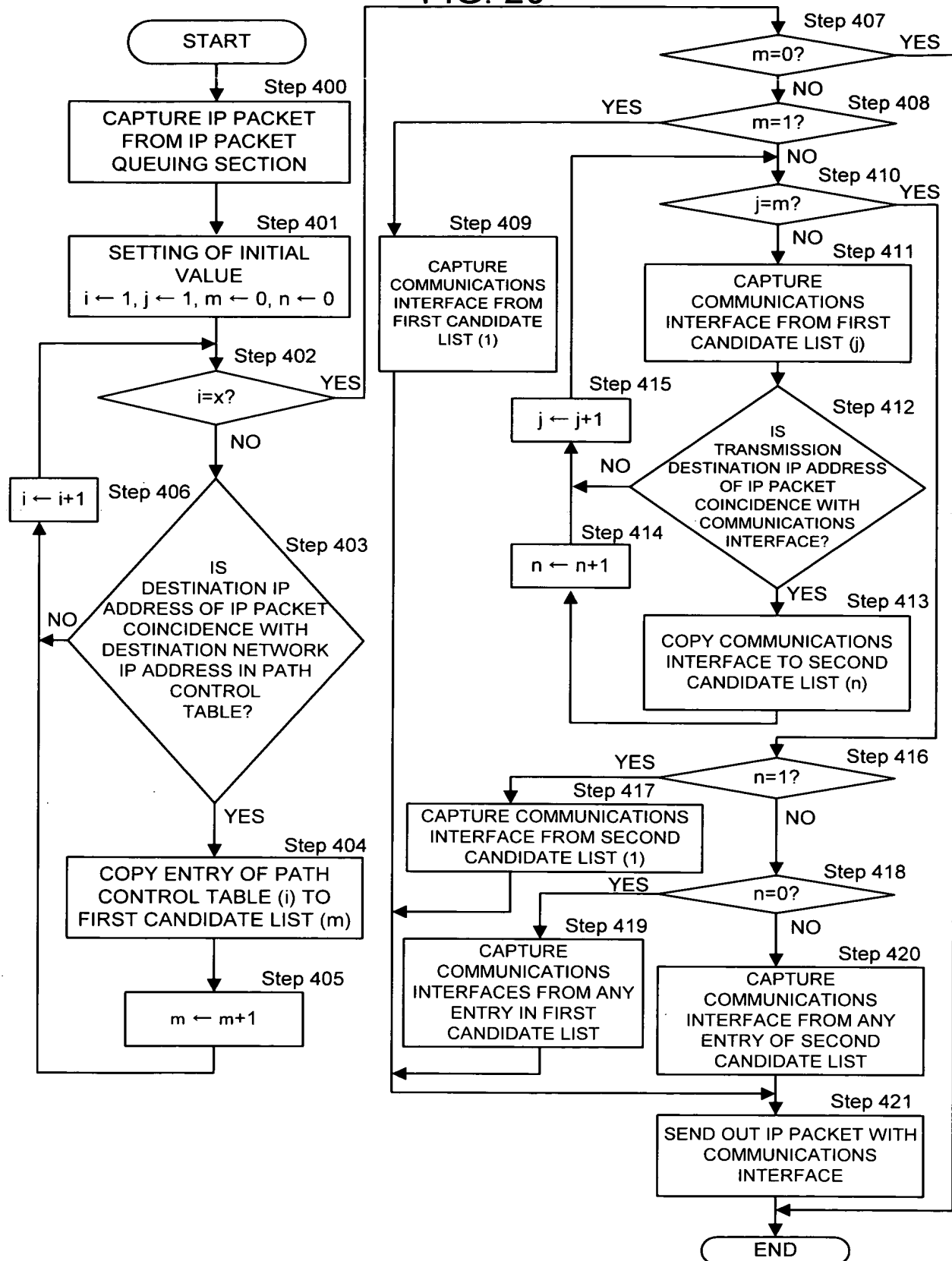
FIG. 19

OTHER MODE OF DELIVERY IP PACKET

IP HEADER			TRANSMISSION DATA
TRANSMISSION SOURCE IP ADDRESS ("S-IF#2")	DESTINATION IP ADDRESS (200.7.8.9)	OTHER IP HEADER INFORMATION	

1611

FIG. 20



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FIG. 21

PATH CONTROL TABLE

1321

DESTINATION NETWORK IP ADDRESS	NETWORK MASK	GATEWAY IP ADDRESS	COMMUNICATIONS INTERFACE
200.7.8.9	255.255.255.255	100.1.2.4	S-IF#1
200.7.8.9	255.255.255.255	110.1.2.5	S-IF#2
200.7.8.9	255.255.255.255	120.1.2.4	S-IF#3

1321-a

1321-b

1321-c